

7 June 1971

[redacted]  
Stereocomparator

STAT

The installation work program is proceeding satisfactorily as of this date.

The illumination system installation has been completed, and alignment of the substage optics is under way. As a matter of interest, the zoom illumination condenser units (one left side and one right side), which received the 5.8 g shock load as read by the accelerometer during shipping, were found to be damaged. The damage was internal and could not be detected until the condensers were operated. Both units suffered identical damage related to the cam and follower device which positions the various lens elements during the zoom action. The cam surface was damaged in one position, and the cam follower ball bearing and lever assembly was smashed. These parts have now been repaired, and the units are back in service.

STATINTL

One other device suffered shipping damage. One of the lasers in the interferometers was damaged in shipment [redacted]

[redacted] This unit has been returned to the vendor for repair.


STATINTL

The mounting brackets for the vibration dampers have been installed and grouted with epoxy. The vibration damper units have been mounted and attached to the Stereocomparator, and the vibration data indicates that the vibration damping action is normal and satisfactory.

Declass Review by NIMA/DOD

The installation work requires that the vacuum and high pressure air systems be available for use during the week of June 7. If these facilities are not available at the time required, the installation work cannot continue. The customer's subcontractor (who is responsible for the installation of the required services) has been informed of this situation. The subcontractor gave his assurance that this work would be completed during the week of June 7.

STATINTL

 very anxious to have the customer's contractor clean the Stereocomparator room (complete the floor installation), close the access opening in the wall, and turn on the air conditioning. This should be done as soon as possible since the extremely dirty environment can only have a bad effect on the optics and delicate mechanisms associated with the Stereocomparator assembly.

 STATINTL

SENDER WILL CHECK CLASSIFICATION  
☒ UNCLASSIFIED    ☐ CONFIDENTIAL    ☐ SECRET

### OFFICIAL ROUTING SLIP

TO	NAME AND ADDRESS	DATE	INITIALS
1	SS/L.B. Rm 55-468		
2		<i>June</i>	<i>Jo</i>
3		<i>Stigene</i>	<i>W</i>
4		<i>Line</i>	<i>GA</i>
5			
6			

<input type="checkbox"/>	ACTION	<input type="checkbox"/>	DIRECT REPLY	<input type="checkbox"/>	PREPARE REPLY
<input type="checkbox"/>	APPROVAL	<input type="checkbox"/>	DISPATCH	<input type="checkbox"/>	RECOMMENDATION
<input type="checkbox"/>	COMMENT	<input type="checkbox"/>	FILE	<input type="checkbox"/>	RETURN
<input type="checkbox"/>	CONCURRENCE	<input checked="" type="checkbox"/>	INFORMATION	<input type="checkbox"/>	SIGNATURE

**Remarks:**

report for  
 May.

FOLD HERE TO RETURN TO SENDER

FROM: NAME, ADDRESS AND PHONE NO.      DATE

6-10